Amendments To the Claims:

Please amend the claims as shown.

1. (currently amended) A ~~M~~method for coating a substrates ~~(1)~~ having at least one hole ~~(4)~~, comprising:

~~wherein,~~ covering ~~in a first step,~~ the at least one hole ~~(4), of which there is at least one, is covered by~~ with a plug ~~(16),~~;

applying ~~in a further step,~~ at least one layer ~~(13) is applied~~ to a surface ~~(3)~~ of the substrate ~~(1)~~ and via a low-temperature coating process ~~being used as the method of applying the layer (13),~~; and

irradiating ~~in a further step, irradiation of~~ a surface ~~(15)~~ of the at least one layer ~~(13), of which there is at least one, taking place so as~~ to ~~provide better~~ improve adhesion of particles of the layer and to ensure homogenization of particles in the near-surface region of the layer ~~(13)~~.

2. (currently amended) A ~~M~~method according to Claim 1, ~~characterized in that~~ wherein the substrate ~~(1)~~ is a turbine blade.

3. (currently amended) A ~~M~~method according to Claim 1, ~~characterized in that~~ wherein during irradiation a region below the surface ~~(15)~~ of the layer ~~(13)~~ is at least partially fused.

4. (currently amended) A ~~M~~method according to Claim 1, ~~characterized in that~~ wherein an electrochemical method for depositing layers is used as the low-temperature coating process.

5. (currently amended) A ~~M~~method according to Claim 1, ~~characterized in that~~ wherein the temperature for the low-temperature coating process is below 250°C, specifically below 100°C.

6. (currently amended) A ~~M~~method according to Claim 1, ~~characterized in that~~ wherein irradiation of the surface ~~(15)~~ is performed using pulsed electron irradiation.

7. (currently amended) A ~~M~~method Method according to Claim 1, ~~characterized in that~~ wherein irradiation of the surface ~~(15)~~ is performed using a laser treatment.

8. (currently amended) A ~~M~~method according to Claim 1, ~~characterized in that~~ wherein during or at the end of irradiation of the surface ~~(15)~~, the plug ~~(16)~~ is removed from the near-surface region of the hole ~~(4)~~.

9. (currently amended) A ~~M~~method according to Claim 8, ~~characterized in that~~ wherein the plug ~~(16)~~ is removed by evaporation.

10. (currently amended) A ~~M~~method according to Claim 1, ~~characterized in that~~ wherein the layer ~~(13)~~ is a ceramic, specifically a ceramic heat insulating layer, or a metal, specifically a MCrAly coating (M= Fe, Co, Ni).

11. (currently amended) A ~~M~~method according to Claim 1, ~~characterized in that~~ wherein the hole ~~(4)~~, of which there is at least one, is a film cooling hole or an impingement cooling hole.

12. (currently amended) A ~~M~~method according to Claim 1, ~~characterized in that~~ wherein the plug ~~(16)~~ is of a wax-like material.

13. (new) A method for coating a turbine component having at least one hole, comprising:
covering the at least one hole with a plug;
applying at least one layer to a surface of the turbine component via a low-temperature coating process; and
irradiating a surface of the at least one layer to improve adhesion of particles of the layer and to ensure homogenization of particles in the near-surface region of the layer.

14. (new) A method for recoating a substrate, which has already been used and having at least one hole, comprising:
covering the at least one hole with a plug;
applying at least one layer to a surface of the turbine component, via a low-temperature coating process; and

irradiating a surface of the at least one layer to improve adhesion of particles of the layer and to ensure homogenization of particles in the near-surface region of the layer.